

California High-Speed Rail Authority



RFP No.: HSR 13-57

**Request for Proposals for Design-Build
Services for Construction Package 2-3**

**Book I, Part C.4 - Design-Build Services
Scope of Work**

**ATTACHMENT 3
SCOPING TYPICAL SECTIONS**

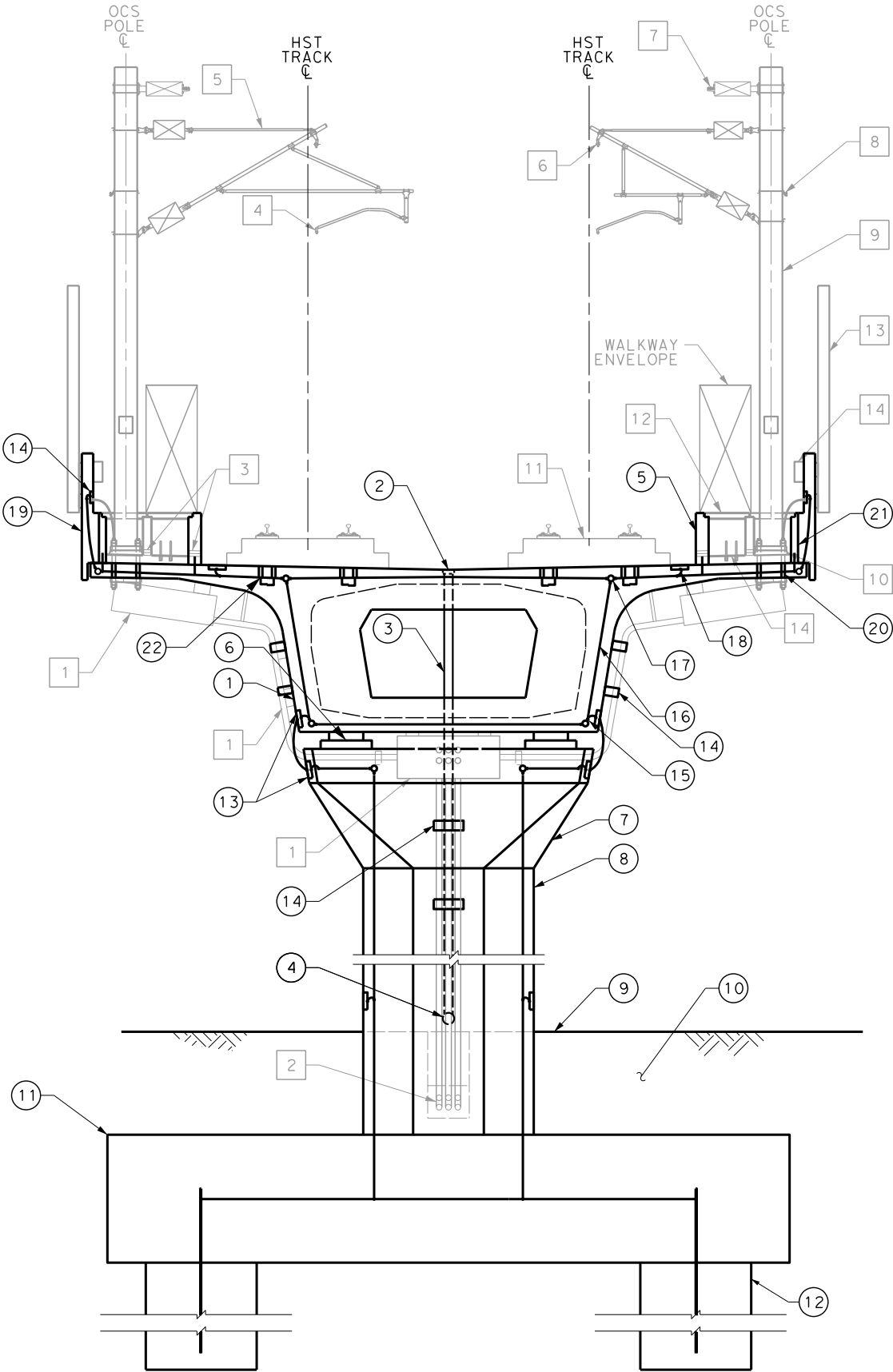
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WORK ELEMENTS (IN CONTRACT)

- 1 BOX GIRDER
- 2 DRAIN AND INLET
- 3 DOWNSPOUT
- 4 DOWNSPOUT CONNECTION TO STORM DRAIN
- 5 TRACKSIDE CABLE TROUGH WALL
- 6 BEARINGS, RESTRAINER, TIE-DOWN DEVICE
- 7 COLUMN CAP
- 8 COLUMN
- 9 FINISHED GRADE
- 10 COMPACTED BACKFILL / STRUCTURAL FILL
- 11 FOOTING/PILE CAP
- 12 PILE/DRILLED SHAFT
- 13 THICK COPPER GROUNDING PLATE (SEE NOTE 4)
- 14 EMBEDMENTS FOR CONDUIT RISERS
- 15 EXOTHERMIC WELD (SEE NOTE 4)
- 16 CONNECTING BONDING REBAR (SEE NOTE 4)
- 17 LONGITUDINAL BONDING REBAR (SEE NOTE 4)
- 18 GROUND JUMPER CONDUCTOR (SEE NOTE 4)
- 19 CONCRETE PARAPET
- 20 SLEEVES FOR OCS POLE FOUNDATION
- 21 CABLE TROUGH WALL
- 22 SHEAR CONNECTOR OR REINFORCEMENT IN CONCRETE SLAB

WORK ELEMENTS (NOT IN CONTRACT)

- 1 EXPOSED CONDUITS, SURFACE MOUNTED PULL BOXES, AND MOUNTING HARDWARE
- 2 CONDUITS CONTINUED TO SITE LIMITS OF JOB SITE AND/OR ADJACENT CORE SYSTEMS TRACKSIDE FACILITY (SEE NOTE 3)
- 3 SLEEVES FOR DRAINAGE OR CONDUITS
- 4 CONTACT WIRE
- 5 OCS ASSEMBLY
- 6 MESSENGER WIRE
- 7 NEGATIVE FEEDER WIRE
- 8 STATIC WIRE
- 9 OCS POLE
- 10 OCS POLE FOUNDATION
- 11 TRACKFORM (SEE NOTE 6)
- 12 PRECAST COVERS
- 13 SOUND WALL
- 14 CABLE TROUGH (TYP)



TYPICAL AERIAL STRUCTURE SECTION

NOTES:

- 1. SEE DESIGN CRITERIA MANUAL, DIRECTIVE DRAWINGS, AND STANDARD DRAWINGS FOR REQUIREMENTS AND DIMENSIONS.
- 2. DOWELS FOR FUTURE CABLE THROUGH SHALL PROVIDE THE CONTINUITY FOR THE GROUNDING SYSTEM.
- 3. WHERE THE CORE SYSTEMS TRACKSIDE FACILITY IS WITHIN THE AUTHORITY ROW, THE CIVIL CONTRACTOR SHALL EXTEND THE UNDERGROUND DUCT BANK TO THE FACILITY'S SITE LIMITS. IN THE CASE WHERE THE FACILITIES ARE LOCATED A DISTANCE FROM THE AUTHORITY ROW, THE CIVIL CONTRACTOR SHALL EXTEND TO THE UNDERGROUND DUCT BANK TO THE JOB SITE LIMITS.
- 4. GROUNDING AND BONDING SHALL BE PROVIDED.
- 5. FENCE SHALL BE PROVIDED ALONG THE AUTHORITY ROW (NOT SHOWN).
- 6. NON-BALLASTED TRACKFORM SHOWN FOR ILLUSTRATION PURPOSES ONLY. SEE SCOPE OF WORK.

LEGEND:

- # — IN CONTRACT
- # — NOT IN CONTRACT

THESE DRAWINGS ARE SOLELY FOR THE PURPOSE OF SCOPED WORK ELEMENTS AND ARE NOT INTENDED AS A DESIGN DIRECTIVE. TRACK, SYSTEMS, AND DRAINAGE ARE SCHEMATIC AND DO NOT REPRESENT DESIGN. ACCORDINGLY THE INFORMATION CONTAINED HEREIN SHALL NOT BE USED FOR DESIGN AND/OR CONSTRUCTION PURPOSES. OTHERWISE, REFER TO SCOPE OF WORK AND TECHNICAL DIRECTIVES.

DATE: 06/30/2014

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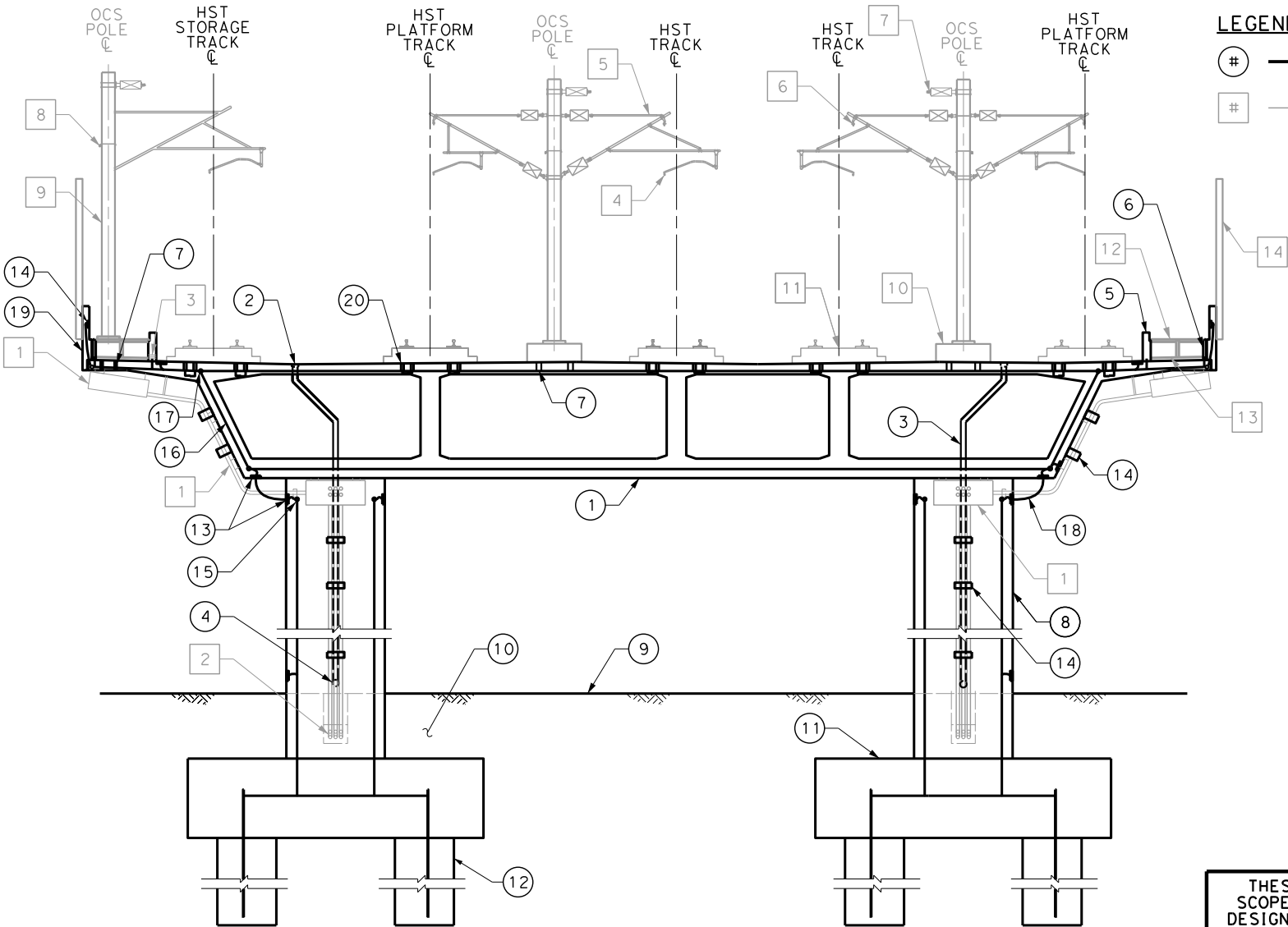
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SECTION B
NO SCALE

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